Intel Shall Application No
PCT/GB 99/02361

According to International Patient Classification (PC) or to both national dissification and IPC  B. FELDS SEARCHED  Minimum documentation searched (classification system followed by classification symbols)  IPC 7 A61K  Documentation searched other than minimum documentation to the extent that such documenta are included in the fields searched  Electronic data base consulted during the international search (name of data base and, where predical, search terms used)  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Cattogory* Classific and document, with indication, where appropriate, of the referent passages  E W0 99 59586 A (WANG PING H; UNIV CALIFORNIA (US))  25 November 1999 (1999–11–25)  abstract page 1, line 1 -page 4, line 17; claims  1,6-9,11,13-16; examples  E W5 968 960A A (SCHWARTZ GREGORY G)  19 October 1999 (1999–10-19)  the whole document  E W0 99 43326 A (UNIV PENNSYLVANIA; LIANG  80 80 C T (US); BTRIBAUM MORRIS (US); HARDE)  2 September 1999 (1999–09-02)  abstract page 7, line 13 -page 8, line 28  page 13, line 4 - line 13  claims  -/	A. CLASSI IPC 7	FICATION OF SUBJECT MATTER A61K31/00 A61K31/425 A61K31/4	4		
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Inter onal Application No
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Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Ρ,Χ	WO 99 25346 A (MOMOSE YU ;TARUI NAOKI (JP); MATSUI JUNJI (JP); NARUO KEN ICHI (JP) 27 May 1999 (1999-05-27) abstract page 17, line 3 -page 18, line 11 page 19, line 32 -page 20, line 16 page 23, line 8 - line 24 page 27, line 1 - line 7; claims 1,9-19	1-7
Ρ,Χ	LEE, WEN LIENG (1) ET AL: "Troglitazone acutely activates multiple signaling pathways and exhibits anti- apoptotic effects in cardiomyocytes."  DIABETES, (1999) VOL. 48, NO. SUPPL. 1, PP. A331. MEETING INFO.: 59TH SCIENTIFIC SESSIONS OF THE AMERICAN DIABETES ASSOCIATION SAN DIEGO, CALIFORNIA, USA JUNE 19-22, 1999 AMERICAN DIABETES ASSOCIATION., XPO00856585 abstract	1,2,4,5,
X	SHIMABUKURO M ET AL: "Cardioprotective effects of troglitazone in streptozotocin-induced diabetic rats." METABOLISM: CLINICAL AND EXPERIMENTAL, (1996 SEP) 45 (9) 1168-73., XP000856580 cited in the application the whole document	1-4,6,7
X	STERNON J: "'Post myocardial infarction management!. La prise en charge du post-infarctus." REVUE MEDICALE DE BRUXELLES, (1997 SEP) 18 (4) 286-92. REF: 28, XP000856587 abstract	1-4,6,7
X	WO 98 08531 A (LILLY CO ELI) 5 March 1998 (1998-03-05) abstract page 3, line 19 - line 37 page 19, line 8 - line 29; claims 1,12,13	1-3,7
X	WO 97 46238 A (GLAXO GROUP LTD ;COMINACINI LUCIANO (IT)) 11 December 1997 (1997-12-11) the whole document/	1-4,6,7

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ategory *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Χ .	DATABASE CHEMABS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US YOKOYAMA, TOMIHISA ET AL: "Glutathione reductase activity potentiator containing troglitazone"	1-4,6,7
	retrieved from STN Database accession no. 128:248588 XP002124804	
	abstract & WO 98 10760 A (SANKYO CO., LTD., JAPAN;YOKOYAMA, TOMIHISA; FUJIWARA, TOSHIHIKO; HORIK) 19 March 1998 (1998-03-19)	
K	DATABASE CHEMABS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US	1-4,6,7
	HORIKOSHI, HIROYOSHI ET AL: "Thiazolidines for treatment of complications of diabetes" retrieved from STN	
	Database accession no. 119:262523 XP002124805 abstract	
	& JP 05 202042 A (SANKYO CO, JAPAN) 10 August 1993 (1993-08-10) 	
X	SHIMABUKURO M ET AL: "Fatty Acid-Induced Beta Cell Apoptosis: A Link Between Obesity and Diabetes" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, US, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, vol. 95, no. 95, page 2498-2502-2502 XP002099922 ISSN: 0027-8424 abstract page 2498, right-hand column, paragraph 2 page 2501, left-hand column, paragraph 1;	1,2,4,6,
1	figure 4  BAHR M ET AL: "Acute and chronic effects of troglitazone (CS-045) on isolated rat ventricular cardiomyocytes."  DIABETOLOGIA, (1996 JUL) 39 (7) 766-74., XP000856911 the whole document	1-7
(	EP 0 796 618 A (SANKYO CO) 24 September 1997 (1997-09-24)	7
4	the whole document	1-6

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х	WO 94 05659 A (SMITHKLINE BEECHAM PLC; POOL COLIN RIPLEY (GB); ROMAN ROBIN SHERWO) 17 March 1994 (1994-03-17) cited in the application the whole document		7
	EP 0 306 228 A (BEECHAM GROUP PLC)  8 March 1989 (1989-03-08)  cited in the application  the whole document		7

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h. ..national application No.

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Box i Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: 1-6 because they relate to subject matter not required to be searched by this Authority. namely:  Remark: Although claims 1-6 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.:     because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carned out, specifically:  See FURTHER INFORMATION SHEET PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is tacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

#### Continuation of Box I.2

Present claims 1-3,7 relate to a compound defined by reference to a desirable characteristic or property, namely "glucose uptake enhancer". The claims cover all compounds having this characteristic or property, whereas the application provides support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT for only a very limited number of such compounds. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Independent of the above reasoning, the claims also lack clarity (Article 6 PCT). An attempt is made to define the compound by its pharmacological profile. Again, this lack of clarity in the present case is such as to render a meaningful search over the whole of the claimed scope impossible. Furthermore, present claim 4 relates to an extremely large number of possible compounds. Support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT is to be found, however, for only a very small proportion of the compounds. In the present case, the claim so lacks support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to the compounds structurally identified in claims 5 and 6 and for the general idea underlying the application. Moreover, claims 1-2 relate to the treatment of a disease which actually is not well defined. The use of the definition "reducing or preventing apoptosis" in the present context is considered to lead to a lack of clarity within the meaning of Article 6 PCT. The lack of clarity is such as to render a meaningful complete search impossible. Consequently, the search has been restricted to the diseases mentioned in claim 3 and to the general idea underlying the application.

Claims searched incompletely: 1-7

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

information on patent family members

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